# J-MUSIC™

## Unparalleled DIRCM Protection for Medium and Large Jet Aircraft

### The Threat - MANPADS

The global proliferation and availability of highly transportable and extremely lethal shoulder-fired missiles has increased significantly in recent years, with such missiles finding their way into the hands of terrorists. These heat-seeking anti-aircraft missiles (MANPADS) pose a serious threat to transport aircraft, tankers, special mission platforms and VIP jets.

### The Solution - J-Music

Elbit Systems J-MUSIC is a market leading Directed Infra-Red Counter Measure (DIRCM) system, optimized to protect jet aircraft from MANPADS. The J-MUSIC system is designed for distributed installation on a variety of aircraft types, in a single or multi-turret configuration. The J-MUSIC system is highly advanced and fully proven. J-MUSIC is part of the MUSIC DIRCM family, which has a proven track record of protecting multiple types of aircraft against heat-seeking ground-to-air IR missiles.

Elbit Systems™ ISTAR

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### Superior protection

Built on years of proven experience in the military environment, J-MUSIC facilitates effective, reliable and affordable protection under all operational conditions. J-MUSIC integrates advanced fiber laser technology together with a high frame-rate thermal camera and a small, dynamic high-speed sealed-mirror turret to deliver the highest levels of DIRCM defense against a wide range of IR missile threats.

### Open architecture

J-MUSIC is light-weight, compact, and easily installed on a broad range of aircraft types, in both single and multi-turret configurations. The open architecture solution can also be integrated with various Missile Warning Systems (MWS) for the most comprehensive level of protection in the civil and military market.

### Features

- Distributed configuration and flexible installation
- Open architecture for integration with various type of MWS
- Fully automatic and autonomous – no crew involvement needed during engagement
- Hyper hemispherical dome for maximum coverage
- Dual-band laser, each band independently programmable
- Proven in real-life scenarios
- Open to accept user-defined jamming codes

### Benefits

- Fast, accurate threat detection and jamming
- Handling multiple threat scenarios
- High performance, comprehensive protection
- Effective in all operational conditions
- Upgradable for future threats
- High reliability leading to low life cycle cost

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